ATLANTIS LAND®

Networking

- Ideal for enterprise network

- 10 slot

- 480 Gbps switching capacity and 278 Mpps packet forwarding

- "Hot Swap" for all the modules

- Fan, Power and Module redundancy

Edge-Core A07-ES4710BD chassis routing switch is a high performance switch. It is an ideal switch for core layer of campus network and enterprise network, and aggregation layer of IP metropolitan network. Edge-Core A07-ES4710BD has 10 slots. Each management module has forwarding interfaces, which increases the port density and usage of slots. Edge-Core A07-ES4710BD provides 480Gbps switching capacity and 278Mpps packet forwarding. It can support maximum 16 10G ports, 96 Gigabit ports and 96 Megabit ports. The high capacity enables the switch to forward Layer 2/Layer 3 traffi c in line speed. Edge-Core A07-ES4710BD supports various types of Network Interface (NI) modules, including Megabit, Gigabit and 10G modules. It will also support policy-based routing*, IPv6*, MPLS*, load balance*, VPN*, Firewall*. These features meet users' different network requirements. Moreover, Edge-Core A07-ES4710BD is equipped with high Reliability, such as Fan Redundancy, Power Redundancy, Management Module Redundancy and Link Redundancy, Hot-swap for all the Modules, AC and DC Power Supplies and Temperature Sensor.

E d g e – c o r E

Powered by Accton

Edge-Core

TECHNICAL FEATURES

Features

IGMP: Snooping v1/v2

IP Routing:

- RIP v1/v2

- RIP

- BGP*

IPSec: VPN up to 9K

IPv4

IPv6*: Future Upgrade

Link Aggregation:

- Load Balancing for both Unicast

- Max trunk per system: 6

- Max port per trunk: 8

- IEEE802.3ad (LACP)

Multicast:

- PIM-DM/SM

- DVMRP

Spanning Tree

- IEEE802.1w Rapid Spanning Tree

- IEEE802.1s Multiple Spanning Tree

- IEEE802.1D Spanning Tree

VLAN:

- GVRP

- 4K VLAN ID

- 255 tagged VLAN

- IEEE802.1Q

VRRP

Networking

ARP

Concurrent Sessions: 70000

DHCP Client/Server,dynamic IP, static IP

DMZ

DNS (Relay/DDNS)

FTP/TFTP

ICMP

IP Routing

NAT(ALG,port forwarding and port tigger)

Password for web access

PPPoE

TCP/IP

Management

Console: RJ-45

Firmware Image: Dual

RMON 1, 2, 3, 9

SNMP: v1/v2c/v3

Support Telnet

SysLog

Performance

IP Routing Table: 64K

MAC Entries: 16k

Packet Forwarding Rate: 238 Mpps

Switching Capacity: 480 Gbps

VLAN: 4K

Physical Configuration

10 Gigabit ports: 16 (Max)

10/100Base-T ports: 48(Max)

AC power supply: 1

Gigabit ports: 48(Max)

open module slots: 10 (2 dedicated slots for management module)

QoS (Quality of service)

DiffServ

IEEE802.1p

MPLS*: Future Upgrade

Queues per port: 8

Rate Limiting

Scheduling:

-WRR

- SWRR

- Strict Priority

ToS

Security

802.1x

ACL

RADIUS Authentication

SSH

User name/Password protection

*Check for avalibility

PRODUCT: Chassis Core Routing Switch
CODE: A07-4710BD
EAN CODE: 8026974012254

Networking

A07-ES4710BD_SE_065

Edge-Core

Subject to change without notice